

SECRET

31241

24 JAN 1956

MEMORANDUM FOR: Assistant Director for Research and Reports

ATTENTION : [REDACTED] I/EE 25X1A

SUBJECT : Survey of Radio Receiver Production in the USSR 1945-1956, Capable of Broadcast Reception Specifically in the 15, 17, 21, and 26 Megacycle Frequency Bands.

1. A request exists for study of the number of radio broadcast receivers in the USSR capable of reception on the high frequency broadcast bands above 12 megacycles.

2. This information will be of use to U. S. International Broadcasters in planning to utilize the 15, 17 and higher megacycle frequencies for broadcasts into the Soviet Bloc and the USSR. The use of these frequencies is believed highly desirable in view of the continuing improvement of propagation characteristics on these high frequencies.

3. This information will also assist this office in its evaluation of the technical effectiveness of U. S. International Broadcasting on these frequencies. A preliminary study undertaken by this office was made in an attempt to obtain some barometer as to the approximate number of broadcast receivers which might be in use in the USSR capable of receiving these frequencies. The material for the preparation of this preliminary survey was obtained from and coordinated with representatives of I/EE and S/Com.

4. This preliminary study was presented to representatives of the Broadcasters at the TEAC meeting, and resulted in an urgent request for official documentation in order to facilitate immediate official action in planning the use of these high operational frequencies.

5. To conform with the urgency of this request, OSI submits the following information for consideration and whatever action may be deemed appropriate to fulfill these specific requirements.

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6. It is desired to obtain an official Agency report on the following estimates:

- a. Total number of civilian radio broadcast receivers produced in the USSR between the period of 1945 and 1954 and projected through 1955 and 1956.
- b. Total number capable of high frequency reception.
- c. Total number of receivers capable of reception in the 15 megacycle band.
- d. Total number of receivers capable of reception in the 17 megacycle band.
- e. Total number of receivers capable of reception in the 21 and 26 megacycle bands.
- f. Number and distribution of receivers of the foregoing types in actual use (including an estimate of the effect of imports and exports).

7. OSI will be pleased to assist in whatever coordination may be desirable to facilitate an early release of these statistics.

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for HERBERT SCOVILLE, JR.
Assistant Director
Scientific Intelligence

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